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(FILE 'HOME' ENTERED AT 14:22:40 ON 29 FEB 2008)

FILE 'CAPLUS' ENTERED AT 14:22:49 ON 29 FEB 2008

L1 12854 S CATIONIC(L) (DYE? OR AZO OR MONOAZO OR DISAZO OR HYDRAZON?)  
L2 71224 S ANION(L) (EXCHANGE OR EXCHANG?)  
L3 62 S L1 AND L2  
L4 15 S L3 AND DYES/SC

=> d 1-15 bib abs ind









- [illegible]

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L1      12854 SEA ABB=ON  PLU=ON  CATIONIC(L) (DYE? OR AZO OR MONOAZO OR
        DISAZO OR HYDRAZON?)
L2      71224 SEA ABB=ON  PLU=ON  ANION(L) (EXCHANGE OR EXCHANG?)
L3      62 SEA ABB=ON  PLU=ON  L1 AND L2
        D
        D 1-10 TI
        D 50-62 TI
        D 54 BIT ABS
L4      15 SEA ABB=ON  PLU=ON  L3 AND DYES/SC
        D 1-15 BIT ABS IND

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FILE HOME

FILE CAPLUS

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13 ANSWER 30 OF 42 CAPLUS COPYRIGHT 2006 ACS on STM  
T1 A comparative study of clay minerals for pollution control

13 ANSWER 31 OF 42 CAPLUS COPYRIGHT 2006 ACS on STM  
T1 Manufacturing a waterproof dye layer on a substrate

13 ANSWER 32 OF 42 CAPLUS COPYRIGHT 2006 ACS on STM  
T1 Thermal-transfer printing of acrylic textiles

13 ANSWER 33 OF 42 CAPLUS COPYRIGHT 2006 ACS on STM  
T1 Removal of dyes from wastewater by a microbiphasic ion-exchange fiber



L3 ANSWER 34 OF 42 CAPTIONS COPYRIGHT 2000 ACS on STM  
T1 Replacing anions of organic cationic salts

L3 ANSWER 35 OF 42 CAPTIONS COPYRIGHT 2000 ACS on STM  
T1 Color image formation

L3 ANSWER 36 OF 42 CAPTIONS COPYRIGHT 2000 ACS on STM  
T1 Conversion of scarcely soluble inorganic salts of cationic dyes or fluorescent whiteners into easily soluble salts of organic acids

L3 ANSWER 37 OF 42 CAPTIONS COPYRIGHT 2000 ACS on STM  
T1 Differential staining of polysaccharides according to critical electrolyte concentration principles in mixed solvents

L3 ANSWER 39 OF 42: CAPLID: COPYRIGHT 2006 ACS on STN  
T1 Preparation and properties of some 1,3,9-trimethyl-2-formylindolinan  
N-methyl-N'-methoxyphenylpyrazole salts

L3 ANSWER 39 OF 42: CAPLID: COPYRIGHT 2006 ACS on STN  
T1 Concentrated solutions of cationic dyes

L3 ANSWER 40 OF 42: CAPLID: COPYRIGHT 2006 ACS on STN  
T1 Cationic dyes

=> d 13 34 39 40

L3 NUMBER 34 0F 62 CAPLUS OMPYRIGHT 2006 ACS on STN  
 AN 1965 106202 CAPLUS  
 IN 100 106202  
 ORIP 100 110071a, 110606  
 TI Selective anions of organic cationic salts  
 IN Bredhaue, Karl H.  
 PA Bredhaue, Karl H., USA  
 SO U.S. + 7 pp.  
 COEN USCAEM

PT Patent  
 LA English  
 PAN INT 1  

| PATENT NO      | KIND | DATE     | APPLICATION NO | DATE     |
|----------------|------|----------|----------------|----------|
| US 3542494     | A    | 19650615 | US 1969-174369 | 19690604 |
| US 1969-174369 |      |          |                |          |

 PRAT 100 106202  
 OS MAYPAT 100 106202

L3 NUMBER 39 0F 62 CAPLUS OMPYRIGHT 2006 ACS on STN  
 AN 1962 144440 CAPLUS  
 IN 06 144440  
 ORIP 06 23772a, 23776a  
 TI Concentrated solutions of cationic dyes  
 IN Chirvada, B. A.; Sasanoa, A. A.; Kozlov, A. I.; Stavitschuk, V. G.;  
 Ivanova, I. I.  
 PA USSR  
 SO B.S.G.B.  
 From Zhukovskiy, Izobret., Prom. Obratnoy, Yevanovye Zhaki 1961, (46), 140.

PT Patent  
 LA Russian  
 PAN INT 1  

| PATENT NO      | KIND | DATE     | APPLICATION NO | DATE     |
|----------------|------|----------|----------------|----------|
| US 380676      | A1   | 19611215 | US 1979-280541 | 19790906 |
| US 1979-280541 | A    |          |                |          |

 PRAT 06 1979-280541

L3 NUMBER 49 0F 62 CAPLUS OMPYRIGHT 2006 ACS on STN  
 AN 1965 21278 CAPLUS  
 IN 06 21278  
 ORIP 06 20544, 20550a  
 TI Carbazole dyes  
 IN Gaisinger, Gerald; Begger-Loehr, Bernd; Seelig, Kurt  
 PA Bayer A-G, Fed. Rep. Ger.  
 SO Ger. Offen., 31 pp.  
 COEN DEKXED

PT Patent  
 LA German  
 PAN INT 1  

| PATENT NO       | KIND | DATE     | APPLICATION NO  | DATE     |
|-----------------|------|----------|-----------------|----------|
| DE 3013271      | A1   | 19811009 | DE 1969-5013271 | 19690406 |
| US 4242867      | A    | 19820405 | US 1981-142412  | 19810319 |
| EP 27106        | A1   | 19811014 | EP 1961-102164  | 19610525 |
| EP 0618248      | A    | 19811101 | EP 1961-08517   | 19610402 |
| DE 1969-5013271 | A    |          |                 |          |

 PRAT 06 1969-5013271



L3 NUMBER 39 OF 62: CAPLID: OWNRIGHT 3000 ACS on STM  
 A6 1962-144416 CAPLID  
 D6 144416  
 ORIP 96 227734,227736  
 T1 Concentrated solutions of cationic dyes  
 D9 Chalykh, B. A.; Sazonova, A. A.; Koslov, A. I.; Stavitskiy, V. G.;  
 Ivanova, I. I.  
 PA USSR  
 D9 B. I. S. R.  
 From: Zhuravskiy, Izobret., Prom. Obratnyy, Tsvetnyye Znaki 1961, (46), 140.  
 ORIGIN: USSR  
 D7 Patent  
 LA Russian  
 PAK, INT.  

| PATENT NO | KIND            | DATE     | APPLICATION NO  | DATE     |
|-----------|-----------------|----------|-----------------|----------|
| RU 880876 | A1              | 19811115 | SU 1649-3906241 | 19790606 |
| PSAI      | SU 1649-3906241 | A        | 19790606        |          |

AD Concentrated solutions of cationic dyes are prepared by treating  
 aqueous solutions of salts of cationic dyes with ion  
 exchange resin and filtering the product. The concentration and  
 stability of the concentrated solutions are increased by using as an ion-  
 exchange resin an anion exchanger containing  
 quaternary pyridinium groups, substituted aliphatic amino groups, or  
 quaternary ammonium groups.

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L3 ANSWER 40 OF 42 CAPLUS COPYRIGHT 2006 ACS on STN  
T1 Cationic dyes

L3 ANSWER 41 OF 42 CAPLUS COPYRIGHT 2006 ACS on STN  
T1 Cationic dyes

L3 ANSWER 42 OF 42 CAPLUS COPYRIGHT 2006 ACS on STN  
T1 Removal of some dyes from aqueous solutions

L3 ANSWER 43 OF 42 CAPLUS COPYRIGHT 2006 ACS on STN  
T1 Cationic dyes



L3 ANSWER 44 OF 42 CAPLID: COPYRIGHT 2006 ACS on STM  
T1 Transformations of hematinapole cationic azo  
dyes in the presence of alkali reagents

L3 ANSWER 45 OF 42 CAPLID: COPYRIGHT 2006 ACS on STM  
T1 Characterization of micellar solutions using surfactant ion electrodes

L3 ANSWER 46 OF 42 CAPLID: COPYRIGHT 2006 ACS on STM  
T1 Separation and identification of water-soluble food dyes by ion-exchange  
and soap thin-layer chromatography

L3 ANSWER 47 OF 42 CAPLID: COPYRIGHT 2006 ACS on STM  
T1 Decoloration of dye waste water

L3 ANWER 48 00 42 CAPLIC COPYRIGHT 2000 ACS on STM  
TI Color removal by clays. Kinetic study of adsorption of cationic  
and anionic dyes

L3 ANWER 49 00 42 CAPLIC COPYRIGHT 2000 ACS on STM  
TI Ion exchange process for separating organic impurities from aqueous  
solutions

L3 ANWER 50 00 42 CAPLIC COPYRIGHT 2000 ACS on STM  
TI Azoic dyes. Purification and physicochemical properties. II  
Purification of azoic B

L3 ANWER 51 00 42 CAPLIC COPYRIGHT 2000 ACS on STM  
TI Concentrated dye solutions useful in textile treatment

L3 ANSWER 52 OF 62 CAPLIC COPYRIGHT 2006 ACS on STN  
T1 Cellulose-treated permselective membranes

L3 ANSWER 53 OF 62 CAPLIC COPYRIGHT 2006 ACS on STN  
T1 Azo dyes

L3 ANSWER 54 OF 62 CAPLIC COPYRIGHT 2006 ACS on STN  
T1 Concentrated solutions of azobenzene dyes

L3 ANSWER 55 OF 62 CAPLIC COPYRIGHT 2006 ACS on STN  
T1 Ispirocyclic diffusion in the acid dyeing of polyamides

=> d 13 50 51 53 54 bib abs ind



13 ANSWER 14 OF 62: CAPLID: COPYRIGHT 2000 ACS on STM  
 14 (200151262) CAPLID

15 IN

16 IN 214323

17 IN 214323a, 214323a

18 IN Concentrated solutions of cationic dyes

19 IN Black, Dye; Betschel, Roland

20 IN Sandoz Ltd.

21 IN Ger Offen, 12 po-

22 IN 000000000000

23 IN Patent

24 IN 000000

25 IN 000000

26 IN 000000

27 IN 000000

28 IN 000000

29 IN 000000

30 IN 000000

31 IN 000000

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COST IN U.S. DOLLARS

| SINCE FILE | TOTAL   |
|------------|---------|
| ENTRY      | SESSION |
| 136.67     | 136.88  |

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

| SINCE FILE | TOTAL   |
|------------|---------|
| ENTRY      | SESSION |
| -16.80     | -16.80  |

CA SUBSCRIBER PRICE

SESSION WILL BE HELD FOR 120 MINUTES

STN INTERNATIONAL SESSION SUSPENDED AT 14:50:47 ON 29 FEB 2008